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(54) Title: IMPROVED METHOD FOR BISULFITE TREATMENT

(57) Abstract: The invention is related to the detection of a methylated cytosine in a nucleic acid wherein guanidinium hydrogen sulfite is used for the preparation of a solution containing guanidinium ions and sulfite ions and subsequent modification of the nucleic acid. Thereby, a non-methylated cytosine is converted to uracil. The invention further discloses uses of guanidinium hydrogen sulfite and kits containing it.